

CONTENTS

VOL. XVIII, 1938-39.

	Page
The New Research Department of the Institution	1
Inaugural Meeting of the Nottingham Section	5
Planning in a General Engineering Shop, by J. C. Kerr, Grad. I.P.E.	15
Cutting Tools, by Dr. Georg Schlesinger	37
Works Management for the Small Factory, by P. G. Robertson, A.M.I.P.E.	66
Production Control by "Stepped" Progress Charts, by I. R. Ernst. Hijmans	83
Die-Casting, by Dr. Arthur Street	113
Armorial Bearings of the Institution	129
How to keep Overheads within Bounds, by F. Theodorson ...	132
Meeting of the Council, Nottingham (photograph) ...	150
Spot Welding, by C. W. Leng, A.M.I.P.E., F.R.S.A. ...	151
Air Control Apparatus, by B. C. Oldham ...	181
Industrial Safety, by F. Southwell, M.I.P.E. ...	197
Pressure Die Castings, by A. H. Mundey ...	219
What the Engineer should Know about Steel, by W. H. Hatfield, D.Met., F.R.S. ...	235
Screw Threads, by J. T. Kenworthy, M.I.P.E. ...	265
Foremanship, by B. C. Jenkins, M.I.P.E. ...	285
The President and Party at Institution Headquarters (photograph) facing	295
Modern Trend in Production Cost Control, by A. E. Newcombe, M.I.P.E. ...	295
Heat Treatment of Materials, by E. R. Gadd, M.Inst.Met. ...	322
The State of War ...	341
Electrolytic Processes for Metal Finishing, by E. J. Dobbs ...	343
Automatic Screw Machine Practice, by A. W. Milward ...	350
Factory Organisation in Germany, by C. K. Hughes, Grad. I.P.E. ...	359
Annual Report and Accounts, 1938-39 ...	374
First Report of the Research Committee ...	389
The Position of Foremen in the Organisation, by James Wright, M.I.P.E. ...	397
Report of Fifteenth Annual Dinner ...	420
The Dial Gauge and its Use, Report by Dr. Georg Schlesinger ...	433
Production of Oil Engine Castings, by R. O. Shepherd ...	445
The Graduate and Management, by E. W. Hancock, M.I.P.E. ...	461
Production Engineering Research, by E. C. Parkinson, M.I.P.E. ...	483
Production Engineering Abstracts ...	I-CXXXV